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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/061,699CDATE: 07/28/94
TIME: 11:43:14

INPUT SET: S8292.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

#20

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: Weiner, Amy J.
Houghton, Michael(ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus
E2/NS1 Region

(iii) NUMBER OF SEQUENCES: 133

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Chiron Corporation

(B) STREET: 4560 Horton Street

(C) CITY: Emeryville

(D) STATE: CA

(E) COUNTRY: USA

(F) ZIP: 94608-2916

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/061,699

(B) FILING DATE: 12-MAY-1993

(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Goldman, Kenneth M.

(B) REGISTRATION NUMBER: 34,174

(C) REFERENCE/DOCKET NUMBER: 0938.001

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 510-601-2719

(B) TELEFAX: 510-655-3542

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6 amino acids

(B) TYPE: amino acid

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47 (C) STRANDEDNESS: single
48 (D) TOPOLOGY: linear
49
50 (ii) MOLECULE TYPE: peptide
51
52
53 (ix) FEATURE:
54 (A) NAME/KEY: Xaa
55 (B) LOCATION: 1
56 (D) OTHER INFORMATION: /label= variable
57 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,
58 or Thr"
59
60 (ix) FEATURE:
61 (A) NAME/KEY: Xaa
62 (B) LOCATION: 2
63 (D) OTHER INFORMATION: /label= variable
64 /note= "Represents Ile, Leu, Met, Phe or Trp"
65
66 (ix) FEATURE:
67 (A) NAME/KEY: Xaa
68 (B) LOCATION: 3
69 (D) OTHER INFORMATION: /label= variable
70 /note= "Represents Leu or Phe"
71
72 (ix) FEATURE:
73 (A) NAME/KEY: Xaa
74 (B) LOCATION: 6
75 (D) OTHER INFORMATION: /label= variable
76 /note= "Represents Ala or Gly"
77
78
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
80
81 Xaa Xaa Xaa Xaa Xaa Xaa
82 1 5
83
84 (2) INFORMATION FOR SEQ ID NO:2:
85
86 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH: 32 amino acids
88 (B) TYPE: amino acid
89 (C) STRANDEDNESS: single
90 (D) TOPOLOGY: linear
91
92 (ii) MOLECULE TYPE: peptide
93
94 (ix) FEATURE:
95 (A) NAME/KEY: Xaa
96 (B) LOCATION: 2
97 (D) OTHER INFORMATION: /label= Xaa=Ahe
98 /note= 2-amino heptanoic is butyl alanine
99

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100
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
102
103 Cys Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser
104 1 5 10 15
105
106 Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu
107 20 25 30
108
109 (2) INFORMATION FOR SEQ ID NO:3:
110
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 5 amino acids
113 (B) TYPE: amino acid
114 (C) STRANDEDNESS: single
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: peptide
118
119
120
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
122
123 Val Ser Leu Leu Ala
124 1 5
125
126 (2) INFORMATION FOR SEQ ID NO:4:
127
128 (i) SEQUENCE CHARACTERISTICS:
129 (A) LENGTH: 7 amino acids
130 (B) TYPE: amino acid
131 (C) STRANDEDNESS: single
132 (D) TOPOLOGY: linear
133
134 (ii) MOLECULE TYPE: peptide
135
136
137
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
139
140 Ser Leu Leu Ala Pro Gly Ala
141 1 5
142
143 (2) INFORMATION FOR SEQ ID NO:5:
144
145 (i) SEQUENCE CHARACTERISTICS:
146 (A) LENGTH: 5 amino acids
147 (B) TYPE: amino acid
148 (C) STRANDEDNESS: single
149 (D) TOPOLOGY: linear
150
151 (ii) MOLECULE TYPE: peptide
152

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153
154
155 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
156
157 Leu Ala Pro Gly Ala
158 1 5
159
160 (2) INFORMATION FOR SEQ ID NO:6:
161
162 (i) SEQUENCE CHARACTERISTICS:
163 (A) LENGTH: 7 amino acids
164 (B) TYPE: amino acid
165 (C) STRANDEDNESS: single
166 (D) TOPOLOGY: linear
167
168 (ii) MOLECULE TYPE: peptide
169
170
171 (ix) FEATURE:
172 (A) NAME/KEY: Xaa
173 (B) LOCATION: 7
174 (D) OTHER INFORMATION: /label= variable
175 /note= "Represents Ala, Pro or Ser"
176
177
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
179
180 Ser Leu Leu Xaa Xaa Gly Xaa
181 1 5
182
183 (2) INFORMATION FOR SEQ ID NO:7:
184
185 (i) SEQUENCE CHARACTERISTICS:
186 (A) LENGTH: 7 amino acids
187 (B) TYPE: amino acid
188 (C) STRANDEDNESS: single
189 (D) TOPOLOGY: linear
190
191 (ii) MOLECULE TYPE: peptide
192
193
194 (ix) FEATURE:
195 (A) NAME/KEY: Xaa
196 (B) LOCATION: 7
197 (D) OTHER INFORMATION: /label= variable
198 /note= "Represents Ala, Pro or Ser"
199
200
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
202
203 Ser Leu Phe Xaa Xaa Gly Xaa
204 1 5
205

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207 (2) INFORMATION FOR SEQ ID NO:8:

208

209 (i) SEQUENCE CHARACTERISTICS:

210 (A) LENGTH: 31 amino acids

211 (B) TYPE: amino acid

212 (C) STRANDEDNESS: single

213 (D) TOPOLOGY: linear

214

215 (ii) MOLECULE TYPE: peptide

216

217

218

219

220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

221

222 Xaa Thr Xaa Val Thr Gly Gly Xaa Ala Ala Arg Thr Thr Xaa Gly Xaa

223 1 5 10 15

224

225 Xaa Ser Leu Phe Xaa Xaa Gly Xaa Ser Gln Xaa Ile Gln Leu Ile

226 20 25 30

227

228

229 (2) INFORMATION FOR SEQ ID NO:9:

230

231 (i) SEQUENCE CHARACTERISTICS:

232 (A) LENGTH: 31 amino acids

233 (B) TYPE: amino acid

234 (C) STRANDEDNESS: single

235 (D) TOPOLOGY: linear

236

237 (ii) MOLECULE TYPE: peptide

238

239

240

241

242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

243

244 Ala Thr Tyr Ala Thr Gly Ala Ala Gln Gly His Ala Thr Asn Ser Phe

245 1 5 10 15

246

247 Val Ser Leu Phe Arg Ser Gly Ala Ser Gln Asn Leu Lys Leu Val

248 20 25 30

249

250 (2) INFORMATION FOR SEQ ID NO:10:

251

252 (i) SEQUENCE CHARACTERISTICS:

253 (A) LENGTH: 31 amino acids

254 (B) TYPE: amino acid

255 (C) STRANDEDNESS: single

256 (D) TOPOLOGY: linear

257

258 (ii) MOLECULE TYPE: peptide

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SEQUENCE VERIFICATION REPORT
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Original Text